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ANNUAL PCB REPORT

~~1984~~

UNION CARBIDE CORPORATION
SISTERSVILLE, WV

1985 Working
Copy

MPM0001290

EPA004792

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR 1984

1985

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB * (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
1	Sub B NE Wall	3.1	17.6						
2	"	"	"						
3	"	"	"						
4	"	"	"						
5	Comp Bldg. 42 MCC	"	"						
6	"	"	"						
7	Steam Plant C-117E	"	"	1/82	1/82	Paden City	12/6/82	ENSCO	(1),(2)
8	"	"	"	"	"	"	"	"	"
9	Starter E Elliott Bld	"	"	10/2/85	10/2/85	Sistersville Plant			
10	"	"	"	10/2/85	10/2/85	"			
11	"	"	"	10/2/85	10/2/85	"			
12	"	"	"	10/2/85	10/2/85	"			
13	Sub A MCC	"	"						
14	"	"	"						
15	"	"	"						
16	Sub E1	10.0	56.8						
17	"	"	"						
18	Sub E1 & E2	3.1	17.6						
19	"	"	"						
20	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

- COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
 (2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
 (3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
 (4) Chemical Waste Management Disposal Facility - Located in Emelle, Al

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PAGE 1 of 10

MPM0001291

EPA004793

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR 1984

1941

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB * (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
21	Sub E1 & E2	3.1	17.6						
22	"	"	"						
23	"	"	"						
24	"	"	"						
25	"	"	"						
26	"	"	"						
27	"	"	"						
28	"	"	"						
29	"	"	"						
30	Poly I Tank Farm MCC	"	"	12/26/85	12/26/85	Sistersville Plant			
31	"	"	"	"	"	"			
32	"	"	"	"	"	"			
33	"	"	"	"	"	"			
34	"	"	"	"	"	"			
35	"	"	"	"	"	"			
36	Sub G MCC	"	"						
37	"	"	"						
38	Sub B MCC	"	"						
39	"	"	"						
40	"	"	"						

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PAGE 2 of 10

MPM0001292

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PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR

1984
1984

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6						
42	"	"	"						
43	"	"	"						
44	"	"	"						
45	"	"	"						
46	"	"	"						
47	"	"	"						
48	"	"	"						
49	"	"	"						
50	"	"	"						
51	"	"	"						
52	"	"	"						
53	Small Scale (SSP)	"	"						
54	Sub D MCC	"	"						
55	"	"	"						
56	"	"	"	2/11/86	2/11/86	Sistersville Pk			
57	"	"	"						
58	Basement Bldg. 1	"	"						
59	"	"	"						
60	"	"	"						

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(4) Chemical Waste Management Disposal Facility - Located in Emelle, Al

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4/25/85

PAGE 3 of 10

MPM0001293

EPA004795

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR 1984

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
61	Basement Bldg. 1	3.1	17.6						
62	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	"	"	"	"	"	"	"	"	"
64	"	"	"	"	"	"	"	"	"
65	"	"	"	"	"	"	"	"	"
66	"	"	"	"	"	"	"	"	"
67	"	"	"	"	"	"	"	"	"
68	"	"	"	"	"	"	"	"	"
69	"	"	"	"	"	"	"	"	"
70	"	"	"	"	"	"	"	"	"
71	"	"	"	"	"	"	"	"	"
72	"	"	"	11/6/78	11/7/78	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
73	"	"	"	"	"	"	"	"	"
74	"	"	"	"	"	"	"	"	"
75	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
76	Old 42 MCC	"	"						
77	"	"	"						
78	"	"	"	3/6/79	3/7/79	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
79	"	"	"	"	"	Paden City	12/6/82	ENSCO	(1), (2)
80	"	"	"	"	"	"	"	"	"

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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PAGE 4 of 10

MPM0001294

EPA004796

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR 1984

1785

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB * (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
81	Old 42 MCC	3.1	17.6	3/6/79	3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	"	"	"	"	"	"	"	"	"
83	"	"	"	"	"	"	"	"	"
84	"	"	"	"	"	"	"	"	"
85	"	"	"	"	"	"	"	"	"
86	"	"	"	"	"	"	"	"	"
87	"	"	"	"	"	"	"	"	"
88	"	"	"	"	"	"	"	"	"
89	"	"	"	"	"	"	"	"	"
90	"	"	"	"	"	"	"	"	"
91	"	"	"	"	"	"	"	"	"
92	"	"	"	"	"	"	"	"	"
93	"	"	"	"	"	"	"	"	"
94	"	"	"	"	"	"	"	"	"
95	Bldg. 33	"	"						
96	Sub B Bank B3A	"	"						
97	"	"	"						
98	Sub B Bank B3B	"	"						
99	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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 (4) Chemical Waste Management Disposal Facility - Located in Emelle, Al

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6/28/85

PAGE 5 of 10

MPM0001295

EPA004797

TRANSFORMERS

194,

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for dielectric fluid. Kg PCB = $\frac{\text{Gal})(5.675)(\text{PPM})}{10^6}$

COMMENTS: (1) Transformer 25 sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to a non-PCB transformer. Shipped on 11/15/84.

~~E. L. Doerflein~~

MPM0001296

EPA004798

1984

154

[illegible]

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. $\text{Kg PCB} = \frac{(\text{Gal})(3.76)(190 \text{ ppm})}{10^6}$

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PAGE 7 of 10

MPM0001297

EPA004799

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

YEAR 1984 1985

	Quantity / x	PCB's (Kg Each)	PCB's (Kg Total)
1. Capacitors in Service on 12/31/ ⁸⁵ ₈₄	64 54 2	17.6 56.8	1126.4 950.4 113.6
Total	56 56		1240.0 1064.0
2. Capacitors Removed from Service and Placed in Storage in 19 ⁸⁵ ₈₄	0 10	0 17.6	0 176.0
3. Capacitors in Storage from Previous Year on 1/1/ ⁸⁵ ₈₄	0	-	0
4. Capacitors Transported from Storage to Disposal in 19 ⁸⁵ ₈₄	0	-	0
5. Capacitors in Storage on 12/31/ ⁸⁵ ₈₄ (2+3-4)	0 10	17.6	0 176
6. Capacitors Transported to Disposal in Previous Years	33	17.6	580.8
Total of 1 + 4 + 5 + 6	99 ✓		1820.8 ✓
Capacitors in Service on 7/2/78	99 ✓		1820.8 ✓

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PAGE 8 OF 10

V. 11A.12

MPM0001298

EPA004800

YEAR 1984-1985

PCB ANNUAL INVENTORY

TRANSFORMERS

	Quantity	x	PCB's (Kg Each)	=	PCB's (Kg Total)
1. Transformers in Service on 12/31/ ^{et} <u>84</u>	0		-		0
2. Transformers Removed from Service in <u>1984-1985</u>	0		0.4		0
3. Transformers in Storage from Previous Year(s) on 1/1/ <u>84-85</u>	0		-		0
**4. Transformers Transported Off-Site in <u>1984-1985</u>	1		0.4		0.4
5. Transformers in Storage on 12/31/ ^{et} <u>84-85</u> (2+3-4)	0		-		0
**6. Transformers Transported ^{offsite} to Disposal in Previous Years	0		-		0.4

Total of 1 + 4 + 5 + 6

1

0.4

*Transformers in Service on 7/2/78

1

0.4

*Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm;
previously used PCB content was 99 ppm.

**Transformer sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to non-PCB transformer. Shipped 11/15/84.

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56 ORR

PAGE 9 OF 10

V.02A.26

MPM0001299

EPA004801